

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E82081

**Employer :** Milliman Inc.

**Worksite :**

**Street :** 1301 5th Ave Suite 3800

**Jurisdiction :** City of Seattle

**Participation :** CTR

**Status :** Affected

**Survey Type :** Online

**Response Rate :** 67%

**Survey Date :** 10/17/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 89.0%

**Drive Alone Rate :** 11.0%

**One-Way VMT per employee :** 1.9

**Average One-Way distance home to work :** 14.4

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 525

**Surveys Distributed :** 525

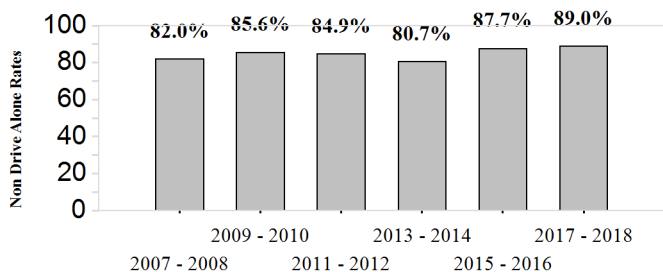
**Surveys Returned :** 350

**Surveys Returned by CTR Affected\* Employees :** 324

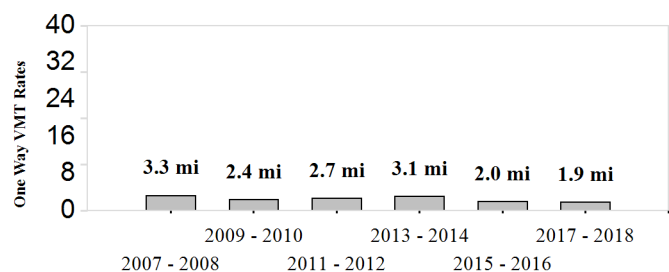
**Total Estimated CTR Affected Employees at Worksite :** 486

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

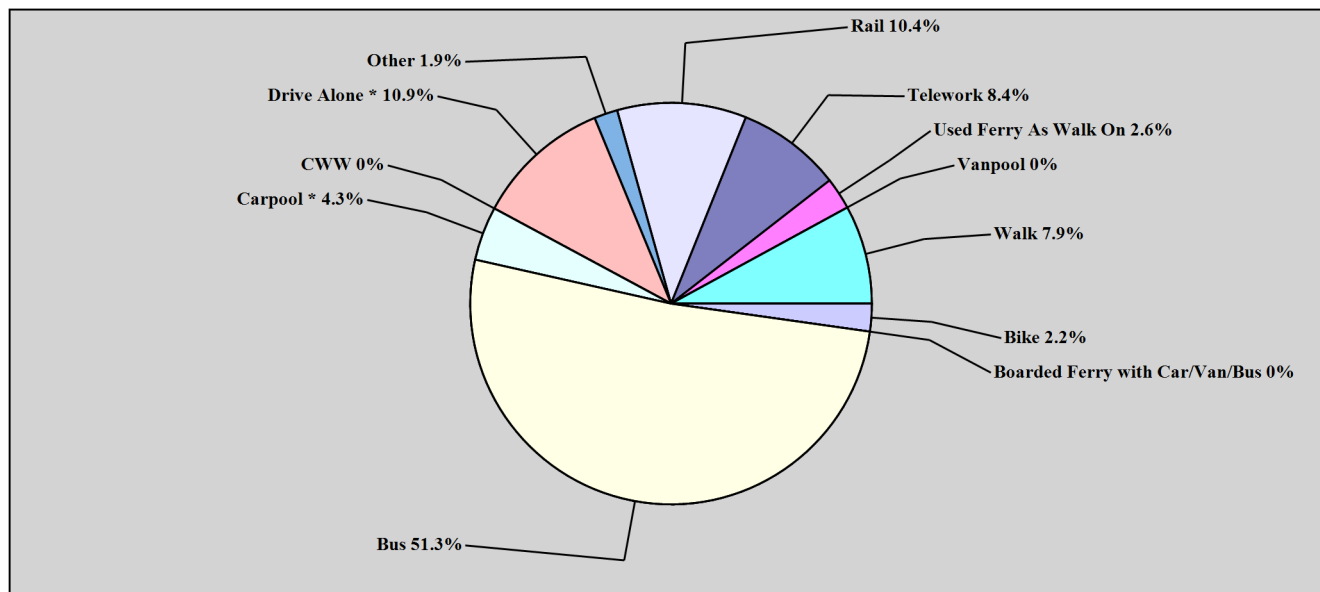
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	82.0%	81.4%	188	251	4.2	3.3	3.4
2009 - 2010	85.6%	85.3%	172	187	3.1	2.4	2.5
2011 - 2012	84.9%	84.4%	186	282	4.7	2.7	2.7
2013 - 2014	80.7%	80.8%	165	278	4.7	3.1	2.9
2015 - 2016	87.7%	87.6%	145	207	3.5	2.0	2.1
2017 - 2018	89.0%	89.4%	148	222	3.7	1.9	1.9
Target	80.0%				Target:	N/A	
% Point Change Target:	-2.0				% Change Target:	N/A	
% Point Change from Baseline:	7.0				% Change from Baseline:	-42.4%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



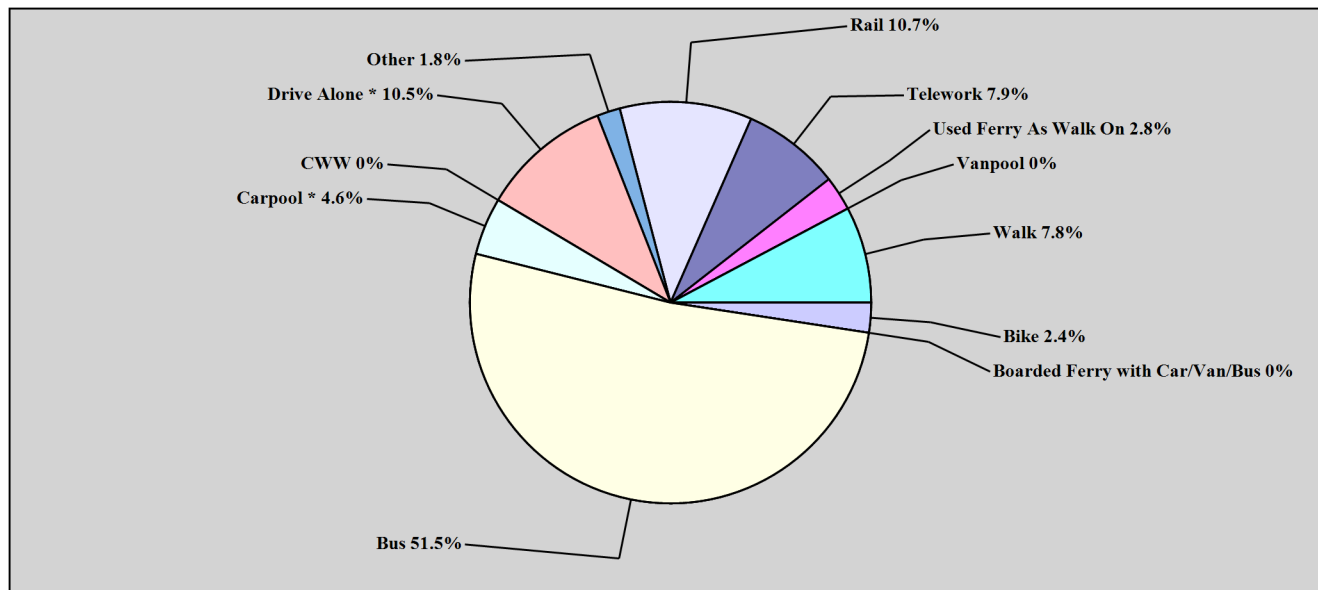
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	191	10.9%	12.3%	58	16.6%	20.4%
Carpool *	76	4.3%	5.6%	25	7.1%	8.4%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	897	51.3%	56.0%	210	60.0%	60.5%
Rail	182	10.4%	6.4%	51	14.6%	8.7%
Bike	39	2.2%	1.8%	11	3.1%	2.8%
Walk	139	7.9%	8.6%	31	8.9%	10.1%
Telework	147	8.4%	5.1%	64	18.3%	12.0%
CWW	0	0.0%	0.1%	0	0.0%	0.3%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	45	2.6%	2.0%	10	2.9%	2.2%
Other	33	1.9%	2.1%	13	3.7%	2.5%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	171	10.5%	12.4%	53	16.4%	20.5%
Carpool *	75	4.6%	5.8%	24	7.4%	8.8%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	836	51.5%	56.6%	192	59.3%	60.7%
Rail	173	10.7%	6.6%	48	14.8%	8.8%
Bike	39	2.4%	1.8%	11	3.4%	2.6%
Walk	126	7.8%	8.7%	28	8.6%	10.3%
Telework	128	7.9%	4.6%	58	17.9%	11.4%
CWW	0	0.0%	0.1%	0	0.0%	0.3%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	45	2.8%	2.1%	10	3.1%	2.3%
Other	30	1.8%	1.3%	12	3.7%	1.5%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	24	7%	350	100%
<b>1 Days</b>	10	3%	326	93%
<b>2 Days</b>	10	3%	316	90%
<b>3 Days</b>	11	3%	306	87%
<b>4 Days</b>	13	4%	295	84%
<b>5 Days</b>	260	74%	282	81%
<b>6 or More Days</b>	22	6%	22	6%

**Count by Occupancy of Carpools and Vanpools**

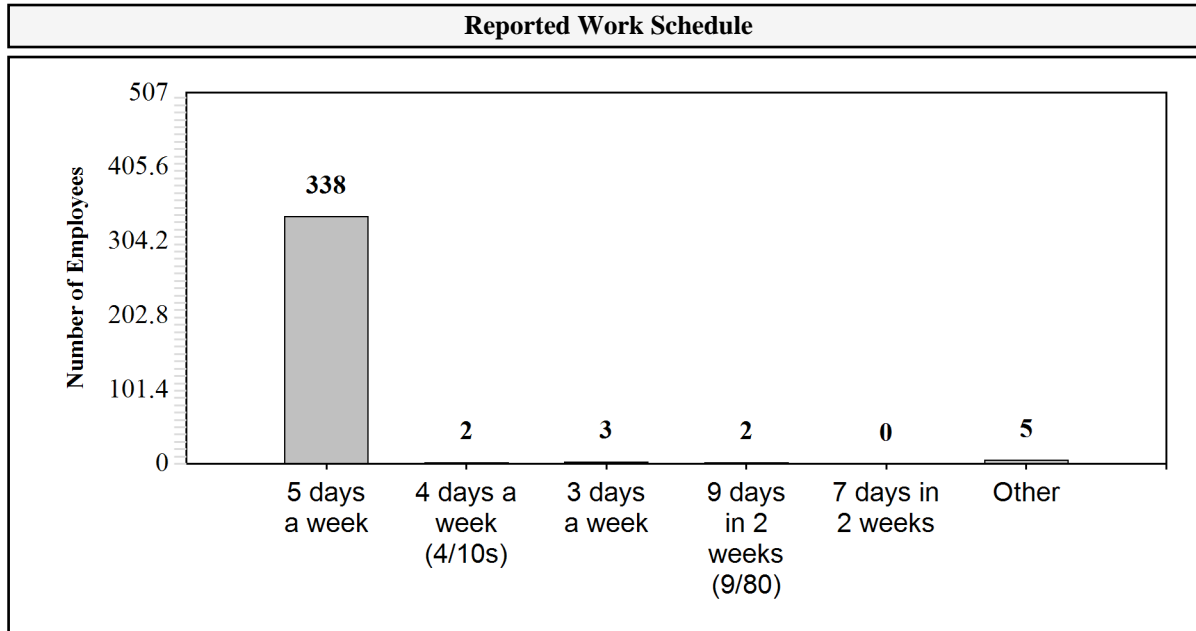
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	76
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

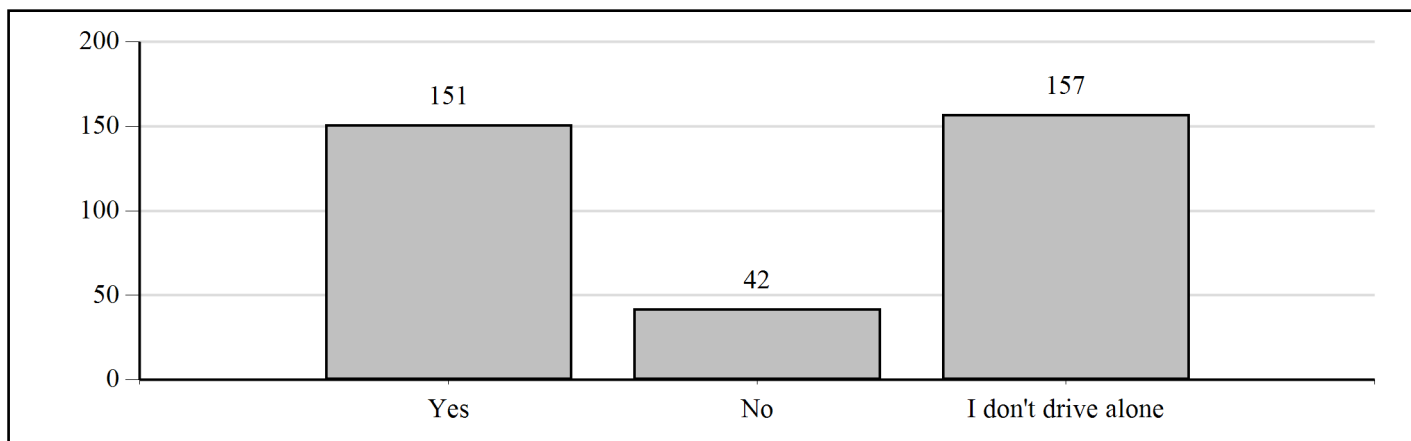
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	338	96.6%
4 days a week (4/10s)	2	0.6%
3 days a week	3	0.9%
9 days in 2 weeks (9/80)	2	0.6%
7 days in 2 weeks	0	0%
Other	5	1.4%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	118	33.7%
Occasionally, on an as-needed basis	126	36.0%
1-2 days/month	43	12.3%
1 day/week	32	9.1%
2 days/week	10	2.9%
3 days/week	21	6.0%

## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	247	26.6%
Cost of parking or lack of parking	182	19.6%
To save money	134	14.4%
Environmental and community benefits	75	8.1%
Personal health or well-being	67	7.2%
To save time using the HOV lane	59	6.4%
I have the option of teleworking	46	5.0%
Other	43	4.6%
Driving myself is not an option	40	4.3%
Financial incentives for carpooling, bicycling or walking.	25	2.7%
Emergency ride home is provided	8	0.9%
Preferred/reserved carpool/vanpool parking is provided	2	0.2%
I receive a financial incentive for giving up my parking space	0	0.0%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	154	25.5%
I like the convenience of having my car	138	22.9%
Family care or similar obligations	133	22.1%
Other	109	18.1%
Bicycling or walking isn't safe	24	4.0%
My job requires me to use my car for work	19	3.2%
My commute distance is too short	15	2.5%
There isn't any secure or covered bicycle parking	6	1.0%
I need more information on alternative modes	5	0.8%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98122	15	4.29%	0	0	0	0	27	3	4	35	3	0	0	0	6
98103	14	4.00%	2	15	0	1	37	0	7	0	2	0	0	0	1
98125	13	3.71%	4	0	0	0	64	0	0	0	0	0	0	0	0
98109	11	3.14%	0	0	0	5	29	0	5	12	0	0	0	0	0
98133	10	2.86%	1	0	0	0	46	0	4	0	0	0	0	0	0
98052	8	2.29%	6	0	0	0	30	0	0	0	0	0	0	0	0
98115	8	2.29%	0	0	0	0	30	4	4	0	2	0	0	0	0
98006	7	2.00%	13	0	0	0	20	0	0	0	2	0	0	0	0
98020	7	2.00%	7	0	0	0	8	14	1	0	5	0	0	0	0
98101	7	2.00%	0	0	0	0	0	5	0	30	0	0	0	0	0
98102	7	2.00%	0	0	0	0	9	22	0	4	0	0	0	0	0
98107	7	2.00%	0	5	0	0	14	0	10	0	1	0	0	0	5
98117	7	2.00%	9	1	0	0	21	0	0	0	2	0	0	0	0
98118	7	2.00%	2	0	0	0	0	32	0	0	0	0	0	0	0
98121	7	2.00%	0	5	0	0	0	0	0	32	1	0	0	0	0
98011	6	1.71%	0	4	0	0	25	0	0	0	1	0	0	0	0
98029	6	1.71%	5	1	0	0	15	0	0	0	7	0	0	0	0
98034	6	1.71%	4	0	0	0	25	0	0	0	1	0	0	0	0
98104	6	1.71%	0	0	0	0	5	7	0	19	0	0	0	0	2
98105	6	1.71%	5	0	0	0	21	3	0	0	0	0	0	0	0
98116	6	1.71%	12	0	0	0	19	0	0	0	0	0	0	0	0
98119	6	1.71%	0	0	0	0	28	0	0	2	0	0	0	0	0
98126	6	1.71%	2	1	0	0	23	0	0	0	7	0	0	0	1
98155	6	1.71%	0	0	0	0	30	0	0	0	0	0	0	0	0
98003	5	1.43%	0	5	0	0	20	1	0	0	1	0	0	0	0
98012	5	1.43%	7	0	0	0	11	1	0	0	6	0	0	0	1





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98023	5	1.43%	0	3	0	0	18	1	0	0	1	0	0	0	0
98026	5	1.43%	10	0	0	0	11	1	0	0	0	0	0	0	0
98021	4	1.14%	0	0	0	0	14	0	0	0	6	0	0	0	0
98027	4	1.14%	0	1	0	0	18	0	0	0	1	0	0	0	0
98043	4	1.14%	5	0	0	0	14	0	0	0	1	0	0	0	1
98056	4	1.14%	5	0	0	0	14	0	0	0	0	0	0	0	0
98075	4	1.14%	11	0	0	2	3	0	0	0	4	0	0	0	0
98110	4	1.14%	0	0	0	0	0	0	0	0	2	0	0	19	1
98199	4	1.14%	1	3	0	1	10	0	4	0	0	0	0	0	0
98208	4	1.14%	0	1	0	0	11	0	0	0	7	0	0	0	0
98028	3	0.86%	0	0	0	0	14	0	0	0	1	0	0	0	0
98033	3	0.86%	5	0	0	0	10	0	0	0	0	0	0	0	0
98040	3	0.86%	9	0	0	0	3	0	0	0	1	0	0	0	0
98059	3	0.86%	5	0	0	0	9	0	0	0	1	0	0	0	0
98072	3	0.86%	0	0	0	0	9	0	0	0	6	0	0	0	0
98087	3	0.86%	0	0	0	0	15	0	0	0	0	0	0	0	0
98106	3	0.86%	5	0	0	0	10	0	0	0	0	0	0	0	0
98112	3	0.86%	0	0	0	0	11	5	0	0	0	0	0	0	0
98144	3	0.86%	1	9	0	0	4	0	0	0	0	0	0	0	1
98198	3	0.86%	0	1	0	0	10	2	0	0	2	0	0	0	0
98204	3	0.86%	5	0	0	0	6	0	0	0	0	0	0	0	5
98498	3	0.86%	4	0	0	0	7	2	0	0	1	0	0	0	0
98005	2	0.57%	3	0	0	0	7	0	0	0	0	0	0	0	0
98007	2	0.57%	1	0	0	0	7	0	0	0	2	0	0	0	0
98008	2	0.57%	8	0	0	0	0	0	0	0	0	0	0	0	0
98036	2	0.57%	0	0	0	0	7	0	0	0	3	0	0	0	0
98037	2	0.57%	4	0	0	0	0	5	0	0	1	0	0	0	0
98038	2	0.57%	0	2	0	0	0	10	0	0	0	0	0	0	0
98055	2	0.57%	0	0	0	0	5	5	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98058	2	0.57%	0	0	0	0	10	0	0	0	0	0	0	0	0
98070	2	0.57%	0	0	0	0	0	0	0	0	2	0	0	4	4
98092	2	0.57%	0	0	0	0	0	9	0	0	1	0	0	0	0
98367	2	0.57%	0	0	0	0	0	0	0	0	0	0	0	11	0
98371	2	0.57%	2	4	0	0	0	3	0	0	1	0	0	0	0
98374	2	0.57%	0	0	0	0	0	6	0	0	4	0	0	0	0
98391	2	0.57%	0	0	0	0	0	2	0	0	8	0	0	0	0
98407	2	0.57%	0	0	0	0	5	5	0	0	0	0	0	0	0
19085	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
90013	1	0.29%	0	0	0	0	0	0	0	0	5	0	0	0	0
92887	1	0.29%	0	0	0	0	0	0	0	0	7	0	0	0	0
97221	1	0.29%	0	0	0	0	0	0	0	5	0	0	0	0	0
98001	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98002	1	0.29%	0	0	0	0	0	5	0	0	0	0	0	0	0
98004	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98010	1	0.29%	0	0	0	0	0	5	0	0	0	0	0	0	0
98022	1	0.29%	0	0	0	0	0	0	0	0	2	0	0	0	0
98024	1	0.29%	1	0	0	0	0	0	0	0	6	0	0	0	0
98031	1	0.29%	0	5	0	0	0	0	0	0	0	0	0	0	0
98032	1	0.29%	2	0	0	0	0	0	0	0	3	0	0	0	0
98039	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98053	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98057	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98065	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98108	1	0.29%	0	0	0	0	0	5	0	0	0	0	0	0	0
98146	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98148	1	0.29%	0	5	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98177	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98178	1	0.29%	0	2	0	2	0	1	0	0	0	0	0	0	2
98188	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98201	1	0.29%	0	0	0	0	4	1	0	0	0	0	0	0	0
98203	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98236	1	0.29%	0	0	0	0	0	2	0	0	3	0	0	0	0
98258	1	0.29%	0	0	0	0	1	0	0	0	4	0	0	0	0
98270	1	0.29%	0	0	0	0	1	0	0	0	6	0	0	0	0
98271	1	0.29%	0	0	0	0	4	1	0	0	0	0	0	0	0
98272	1	0.29%	0	0	0	0	4	0	0	0	1	0	0	0	0
98275	1	0.29%	3	0	0	0	1	0	0	0	0	0	0	0	0
98296	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98310	1	0.29%	0	0	0	0	0	0	0	0	1	0	0	4	0
98335	1	0.29%	0	0	0	0	7	0	0	0	0	0	0	0	0
98338	1	0.29%	0	0	0	0	0	0	0	0	5	0	0	0	0
98345	1	0.29%	0	0	0	0	0	0	0	0	0	0	0	5	0
98359	1	0.29%	0	0	0	0	0	0	0	0	3	0	0	2	0
98360	1	0.29%	0	0	0	0	0	5	0	0	0	0	0	0	0
98366	1	0.29%	0	0	0	0	0	0	0	0	3	0	0	0	0
98372	1	0.29%	0	0	0	0	0	4	0	0	1	0	0	0	0
98387	1	0.29%	0	0	0	0	0	5	0	0	0	0	0	0	0
98501	1	0.29%	0	0	0	0	1	0	0	0	0	0	0	0	3